

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/564,077  
Source: IFWP  
Date Processed by STIC: 1/23/06

***ENTERED***

## **CRF Errors Edited by the STIC Systems Branch**

Serial Number: 10/564,077

CRF Edit Date: 1/25/06  
Edited by: hr

— Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

— Corrected the SEQ ID NO. Sequence numbers edited were:

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— Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

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 Deleted: \_\_\_\_\_ invalid beginning/end-of-file text ; \_\_\_\_\_ page numbers

— Inserted mandatory headings/numeric identifiers, specifically:

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— Moved responses to same line as heading/numeric identifier, specifically:

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— Other:

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IF

## RAW SEQUENCE LISTING

DATE: 01/25/2006

PATENT APPLICATION: US/10/564,077

TIME: 11:02:35

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\01252006\J564077.raw

3 <110> APPLICANT: Collier, Greg R  
 4        Walder, Ken R  
 5        Segal, D. H  
 7 <120> TITLE OF INVENTION: DIFFERENTIAL EXPRESSION OF NUCLEIC ACID MOLECULES  
 9 <130> FILE REFERENCE: E1679-00014  
 -> 11 <140> CURRENT APPLICATION NUMBER: US/10/564,077  
 -> 11 <141> CURRENT FILING DATE: 2006-01-09  
 11 <150> PRIOR APPLICATION NUMBER: PCT/US2004/000919  
 12 <151> PRIOR FILING DATE: 2004-07-08  
 14 <150> PRIOR APPLICATION NUMBER: US 60/485,790  
 15 <151> PRIOR FILING DATE: 2003-07-08  
 18 <160> NUMBER OF SEQ ID NOS: 51  
 21 <170> SOFTWARE: PatentIn version 3.1 and MS Word  
 24 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 449  
 28 <212> TYPE: DNA  
 30 <213> ORGANISM: Psammomys Obesus  
 34 <220> FEATURE:  
 36 <221> NAME/KEY: misc\_feature  
 38 <222> LOCATION: (1)..(425)  
 40 <223> OTHER INFORMATION: "n" is unknown nucleotide  
 44 <400> SEQUENCE: 1

45	tgagaattaa gattattgtt	tgattgaaac atgaaacagc	tcatgtctct gtttagtaaca	60
47	tcaaggcgag tcacgtttac	actgcagttt gaactcttag	ggcacgttgc ttttcatcag	120
49	gttccctcg ctttgattt	gtggctgtt ctgatTTTC	gtatgtggac atacacctac	180
51	ctcttctgtt ggaaagaaca	tttaaaatga aacaaatTTT	actaaaaaaa aaatcaaggaa	240
53	gtccttaat gtaatTTTA	actttcaaAT tacTTTCTT	atcttacttt attacaaata	300
-> 55	gcacccacta gcatttctgt	gatgtaccca cctcttcna	tgtgctatTTT gactgatgt	360
-> 57	tgctccctgg gatgacgttG	caaaaaatcg actagtagaa	atgaagtgnA aatgcatttt	420
-> 59	ggtnataacc ttgactcctt	ggtgctaatt		449
62	<210> SEQ ID NO: 2			
64	<211> LENGTH: 1702			
66	<212> TYPE: DNA			
68	<213> ORGANISM: Psammomys Obesus			
72	<220> FEATURE:			
74	<221> NAME/KEY: misc_feature			
76	<222> LOCATION: (1)..(1518)			
78	<223> OTHER INFORMATION: "n" is unknown nucleotide			
82	<400> SEQUENCE: 2			
83	cccacgcgtc cggtgaagaa	ttagtctgcc ttggcatttA	taaatgattc acaaccaggT	60
85	tccagtttGA	ccccaaaaaa ctatTAATT	atcaatgaga taatATGTTT	120
87	taatacataa aagaaatcg	aggctggaa aaaaAGTTAT	ggataagaag ttccagtcca	180
89	ataaaattat atttatctgt	aggagtCATT ttcccttagat	ttctgtttct aacatcctgg	240

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Input Set : A:\PTO.AMC.txt

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91	aaaaaaaaatt gagttctgg taaatagtcc agaaaattatt tagctaattt aatttcttta	300
93	cattgaaga ctttagattt attttagta tttagttaat ataaaattaa aggaaaatca	360
95	acttaaactt agatcaacat ttaatataac ttatTTTT tgtgtacata ataaatttat	420
97	ccagaagttt aatgcatttga aacatgattt tataaaacaa aactaaccat gttccccctc	480
99	cattgccata tctgtcttg taggtatgcta ttttctgtat gttaaaatcg ggtgaatgag	540
101	atagcatttgg tggaaatgagg gtgtcagtg cttagtgcac aggttagttt agtaagggtgc	600
103	cttgttcttc actcgaatat atgaacatgc cagttaaacc tctttaattt ttttctttt	660
105	actattcacc tccttaactg aatcacacca gtttgcttag aatctcatgg aagcaatgt	720
-> 107	<b>caggcaattttt cacttttttgg ttgntgntat tgncttctt tgaaaagcta atcatggcac</b>	780
-> 109	<b>atgtaaggga cnngcgcgtt cactgcccag gccattgcac ggaatcactg cagtcggc</b>	840
111	ctgcacatgg gatctacact ggctatctat agtaacttagt gtaattgaag gcagacaagc	900
113	ttgacgcaga taagctttgg gcagotgaat aatctacagg gtttagtttgg aggtacaaat	960
115	actggctgtt aattatgata ttgcoacatg gttttagtctt atgtaagctt gaataagtgc	1020
117	atctttagc atctatggga agtgtgggg gaattaaagt gtttagtgaag agaatatcta	1080
119	ccaagttggct tttttaaga taggaaacaa tagagtccaa agggactttt taagagattt	1140
121	aaaagggggaa ataataatttc agcataaaat cctaaatttgg aataaaagaa agaagaggag	1200
-> 123	<b>attggngctg ttgctgggtgt gtgcagattt tctgggttct tccttttaat gttccactgt</b>	1260
125	tttccctgtc agtattgttag atgtgtgatg acttgcctgt caaatttatac aactgtttag	1320
127	aaagtaatag ttaatattttt ttttgcacacg aaacctctgc cagttgtgt tctcttacc	1380
-> 129	<b>tcattttgtt atttggcctt gtcaagattt tagttgtctt gacagaagcc acagcgnagn</b>	1440
-> 131	<b>ctgatgaaac ttgcccaggnc agtttttga gcagctccca aagccggagg cccagctct</b>	1500
-> 133	<b>cagccttggc cagttcngc ctacccgtaa acctcagtgg catactctt aacagtgtgt</b>	1560
135	gtagactggg atgtgttca catgtggctt tggatcattt ctaatgtgac ggaattttat	1620
137	ttgtcttttg acagtttggt agaaatgcaa ttttataatgaaagacatttgg ttcattttgg	1680
139	agtcaatacg ttataaaattt gg	1702
142	<210> SEQ ID NO: 3	
144	<211> LENGTH: 429	
146	<212> TYPE: DNA	
148	<213> ORGANISM: Psammomys Obesus	
152	<220> FEATURE:	
154	<221> NAME/KEY: misc_feature	
156	<222> LOCATION: (1)..(429)	
158	<223> OTHER INFORMATION: "n" is unknown nucleotide	
162	<400> SEQUENCE: 3	
163	agcgtggctcg cggccgagggt acataaaatg gctaacttat agagatcaaa gtttattttg	60
165	gtttgtgtt tcaactgttt aactgttgc ttagtctg tggcaaaagca gtgcattgtt	120
167	tagaatgtgg cagaacaaag cagttctcac aaccactggta tgcaaaagaga agggaaagaaa	180
169	aaaaaaagaga atagggttga atatcccattt caagggcatg cttccatgtt tgggttcctc	240
-> 171	<b>tnatttagcca ccctccctcc cccgcacaaat taaatcctaa tagcaccagg gtctgggtc</b>	300
173	aatcctttac catacagcca tttgtgagaa acttggtaatgataacatata tcacactgccc	360
175	tgtgtatgtt gaaataatttataacatatttca aaaaaaacct gcccggggcgg	420
177	ccgctcgaa	429
180	<210> SEQ ID NO: 4	
182	<211> LENGTH: 332	
184	<212> TYPE: DNA	
186	<213> ORGANISM: Psammomys Obesus	
190	<220> FEATURE:	
192	<221> NAME/KEY: misc_feature	
194	<222> LOCATION: (1)..(332)	

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Input Set : A:\PTO.AMC.txt  
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196 <223> OTHER INFORMATION: "n" is unknown nucleotide  
 200 <400> SEQUENCE: 4  
 -> 201 tagcgtggtc gcggccgagg tactgacntt ccattctgct tcacatgaaa tcaacgaaag 60  
 -> 203 ctctttatcc aagctttggg ctctcagaca cngaaatgag accgtgacca tggcagtnng 120  
 -> 205 acaggaaaaat tcttgtttga ccctgaatga gaggcacanag gcatgaatgt ggaggtgcca 180  
 207 gcttgctcaa tgaatgaggg aacagccctt tatgttaggtc agccgcttgc cttccccctgg 240  
 209 gctgcgtgc ttcttccca aagtcatcca ttctcgataa tgatgtgaat tgtctgttag 300  
 211 ctatcaagta cctgcccggg cggccgctcg aa 332  
 214 <210> SEQ ID NO: 5  
 216 <211> LENGTH: 156  
 218 <212> TYPE: DNA  
 220 <213> ORGANISM: Psammomys Obesus  
 224 <400> SEQUENCE: 5  
 225 agcgtggtcg cggccgaggt cagcttata cagaaaacaa ggcttagcct ctggacaaca 60  
 227 gagaagegct cagtcccaa gccacaggaa ggcctttac ctgctccagc cctcggccat 120  
 229 ggagtaacctg cccgggcggc cgcctcgaaa gccgaa 156  
 232 <210> SEQ ID NO: 6  
 234 <211> LENGTH: 447  
 236 <212> TYPE: DNA  
 238 <213> ORGANISM: Psammomys Obesus  
 242 <400> SEQUENCE: 6  
 243 agactgcccgtgatccatgacttggatc aggcataaac ttttttttat ctgaggtggaa 60  
 245 ttctgatttc atctttgtca cagaacaaa ttctttggc aaagacactg ttttggcatg 120  
 247 tatttcacca gacccctctg ccttagtttc ttcttttgt tcagggagtg attgttttc 180  
 249 actgctttt gtccacaatg acttaatggc ttgataaattt tggtggcttg tatcatatgt 240  
 251 gtttctccca gttatctttg caattattac taactgagct gggtagcaaa cagctgctcc 300  
 253 taatgtggcc atcccttagag gataagtaat ttctgaaac ctagaacccctc ttcttgctga 360  
 255 cagcaaacct gccagtcctg aagctgtgat cactcctatt ttggcagaa aatcttgagg 420  
 257 agggttcttc agatagat atgtatc 447  
 260 <210> SEQ ID NO: 7  
 262 <211> LENGTH: 389  
 264 <212> TYPE: DNA  
 266 <213> ORGANISM: Psammomys Obesus  
 270 <400> SEQUENCE: 7  
 271 ccggaattcc gggatatacgatccgaccacgc gtccgggtggc caggccggcc ttgttggggc 60  
 273 tgctgactcc aggtctatttc tcagcaatgg gtcacagaga ctgaactgcc accatgattt 120  
 275 gaggcttattt catctataat cacaaggggg aggtgctcat ctcccgagtc tacagagatg 180  
 277 acatcgggag gaacgctgtg gatgccttcc gggtaatgt gattcatgcg cggcagcagg 240  
 279 tgcgaagccc tgcacaaac atcgctcgca ccagcttcc ttcatgttaag cggtccaaca 300  
 281 tctggcttagc agcagtccacc aagcagaatg tcaacgcccgc catggcttcc gaattccctc 360  
 283 ataagatgtg tgatgtaatg gtcgtttac 389  
 286 <210> SEQ ID NO: 8  
 288 <211> LENGTH: 781  
 290 <212> TYPE: DNA  
 292 <213> ORGANISM: Psammomys Obesus  
 296 <400> SEQUENCE: 8  
 297 gtcatacacac ctgtggaaa tacttacac attactgttc gtgagtagct ctgagacatc 60  
 299 acagtggcct ggtctgcagt ttgtgtctta aataatttgtt tttagagtgtt ttctcggtt 120  
 301 atgtctgcgt aatgactaaa atagtgagct caggcccagt ggcacagctg tactccacgc 180

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303	tcttcagggg	gctgtggccg	gaggactgct	agtttgaggc	cagccctgca	gtaaagttagt	240
305	taccaacagt	gagactaaat	aaaaaaagg	cagagcacaa	acgaatactt	gaagcaaaag	300
307	agtcttcat	tttcttctc	tgactgaaaa	aaacaagcac	tttccggaaag	ccaagcac	360
309	ttcattgtag	caaggatgag	ttatttacgt	tttaggaaat	tttatcatgg	attagtctga	420
311	taattnaat	tctggccagt	ctgtttcat	cttttctag	gttttacgt	attccatca	480
313	tacctatgt	aaaggagaat	tatatacttg	tatcatattg	gtgttgataa	tgtatattca	540
315	gataataata	ttttgttagt	gtctttatta	tctaaaagg	agttctaaaa	gtaataactg	600
317	gaagcatata	ctttttagac	attaattatt	ttataatgaa	acaactggca	gtaagacatt	660
319	agtggtaat	atagtctatt	tgttccagtg	actgtaaagc	ttgtctcata	gttctgtctg	720
321	ctcatttagag	aacgtattgt	gaaattacct	tctgtgc	atatatctgt	gcaattgcag	780
323	t						781
326	<210>	SEQ ID NO:	9				
328	<211>	LENGTH:	1357				
330	<212>	TYPE:	DNA				
332	<213>	ORGANISM:	Psammomys Obesus				
336	<400>	SEQUENCE:	9				
337	ttttttttt	tttttgttag	aatggaaaa	attttcatc	atctccagaa	ctgtttatta	60
339	atgatgctaa	taactttctt	atagaccatt	tagaccatac	agttccagac	cacaacttcc	120
341	tgtttccaga	atttggaaatt	gtAACAGAAA	cagaagatga	gattttgcct	gaggctgtgg	180
343	aaatggaga	ttattctgac	attgttaggg	gcattggtaa	ggagtccgtc	catcaatctg	240
345	acagttcagg	gaagacaggc	accatcaga	tgtgtctgt	gtgaggtaga	aatatcatg	300
347	gtagaagact	gcagatcaa	acagttact	gctgaatata	tgacaagggt	ccttgcata	360
349	ttagtcttt	agtttactt	ttagatacat	gctagctt	tttctcg	gctcatgttt	420
351	tagggctgt	tctgttgta	ccaacacggg	tgctgatcat	aaatccagca	ttcacccctgc	480
353	cataggttgc	ttatgcatgt	gctca	acactctt	catcg	ccagtaaaga	540
355	aactgaagtt	ctaggtatcc	tgtgtttgaa	caaagaactt	agg	ctgacactac	600
357	agtgtgaact	ataatcagg	ttgtaaaatc	gtatcagat	tctcaagtt	agtcgtttgt	660
359	ttgccacaag	cattaaacaa	cgcgtgt	aattgtttcg	tggctcagct	catgcttgc	720
361	aacagaaata	cacaacagga	agaatgtac	cacatagtca	gggtctgtt	cgaaggaggg	780
363	agtgcagaga	g	gcgtcagct	atgtaaaatg	tctgtgact	ggtaaaagtt	840
365	gctggagaga	tggcaga	tcacaaggc	ttgctgttct	tgt	ccaggtttgg	900
367	tcctaaaac	ctgcacggc	atttgtact	ctagttccag	gtatccagc	gcctccct	960
369	ggccttgaag	tacacataca	tataaaca	acattcaaaa	acaaaca	aaacaaca	1020
371	ataggaatac	atacagcgta	ggagctac	ggatagaact	taatgtgtc	tattcatgt	1080
373	tgtactgt	aaaaactga	aaaaatcagt	gagcatgtt	tttctttcat	tttgagagag	1140
375	gttcta	atgttgc	aggccaa	ggcttgcac	ttgtcctcct	gcctccactt	1200
377	gatattacat	catttacat	ctgtctgt	ttatcttaat	gagtaaaactt	atata	1260
379	ctagggaaat	agtacagagt	tacaaaacaa	tataggtctg	aactttatt	ggaagatg	1320
381	agcagctcat	gagtacattt	atctacaaca	aagattt			1357
384	<210>	SEQ ID NO:	10				
386	<211>	LENGTH:	1314				
388	<212>	TYPE:	DNA				
390	<213>	ORGANISM:	Psammomys Obesus				
394	<400>	SEQUENCE:	10				
395	ggctagaaaa	ctacaagaga	aaaattcaca	tgaaaaacca	aatgaagaa	aaggctgt	60
397	agcagttcg	gatgcgact	aaaaacaagc	aagatgaaat	gaggctgaa	ggagac	120
399	gaagaagcc	gcgtgttgc	cagcagctt	atgcccagaa	aatattcag	gttcccagag	180
401	aggatgtt	ctggataagg	cctgaaga	acactgaaga	agaggaagt	gaggaggaac	240
403	aggatgaaga	tgaata	acacg	agtgaagatt	tgagtgt	ggaaaaactg	300

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Input Set : A:\PTO.AMC.txt  
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405	caggctactt acgagaagaa catctgtatt gcatttggtg tggacagcc tatgaagata	360
407	aagaagactt atcttccaaat tgcccaggac caacctctgc tactacagtg ctcagttaga	420
409	atgaagccag aactggggta gctacagccg tctaactatg aggacatcg gaagcacttc	480
411	ctgagtgtag gacgttctac agaaggatga ctatgtccctc aagcaaatgt tgagagaaca	540
413	gaaaacacag ggagtatgcc acagagtaaa agtcaaccaa atgaaacacctt ggatcctcct	600
415	gtttataaac agctatatac aaaagacagt ttgagaata taaaattgaa tccagactaa	660
417	ttatatgata attatatttc tggttgtctg agtagcagt atgtgtgatt ttgttaatat	720
419	ttcaaataac ttgtccatat aagtcaactt ttaagtattt gcagtgaaa cactacaatg	780
421	ctaagagtaa cttaaaaatt ttccagccaa agaaaacaaaa aggaagggt aggtgtcaca	840
423	gcaaaggtaa aatattctct gttaaagctg cacaatggca catacaatct cattattctt	900
425	gtatacgttt gaagacaaaa aaatatatgt aataattaat ctgtatgaa aatattttgt	960
427	ctaaaaaaaaa tgtaatgtg ccagagaacc tcaagttatg gtgaacattc aagtggggat	1020
429	gcatgttga agtctttgcc tattgagcct gcagatgtgt tttaataga aatgatatat	1080
431	ttggctgtg ataaaaattt cttaggtctg tttctattga ttcaactagt tggtgttg	1140
433	tttgttgg tggatggat ttcaaaaact gtacctgaaa tttagaattt aggtcctgct	1200
435	ctgccccact gtactctga ttaagaagat actgttatt tcctgggtt tggagacaga	1260
437	cgatataatcc tcagaagtaa ataaaagatg ctaagagata aaaaaaaaaaaa aaaa	1314
440	<210> SEQ ID NO: 11	
442	<211> LENGTH: 319	
444	<212> TYPE: DNA	
446	<213> ORGANISM: Psammomys Obesus	
450	<400> SEQUENCE: 11	
451	caccgccccgc cgtcacgtcg gcggagggct gcggggcgcg tgcgatttag ctgctggagt	60
453	tctcaagatg aagtttcat tggcgatctc ctttttatt ttaatgtcct tgggtttga	120
455	agaagcttgt tctaaagaaa agtctccaa gaaaggaaag gggaaaaaga agcagtattt	180
457	gtgccccatct cagcagtcac cagaggacct ggccgtgtg cccccaact ccaccagtaa	240
459	tatcctgaac aggctgtgg tcagttatga ccccaggatc agaccaaatt tcaaaggat	300
461	tcctgtcgat gttagtagtc	319
464	<210> SEQ ID NO: 12	
466	<211> LENGTH: 1262	
468	<212> TYPE: DNA	
470	<213> ORGANISM: Psammomys Obesus	
474	<220> FEATURE:	
476	<221> NAME/KEY: misc_feature	
478	<222> LOCATION: (1)..(1262)	
480	<223> OTHER INFORMATION: "n" is unknown nucleotide	
484	<400> SEQUENCE: 12	
485	aaactctgtc tcaaaaacaaa acaaagtaac aaaggatag gccaaagtctt ctgagaagtt	60
487	agaggccaaag tgcttgcttg agcctaattgc tcttcccaca gccgtcctca gcccaggatcc	120
489	tctcctctcc tgcaatcaag aggtattgc tttagttgac atggcctt ccacgcacat	180
491	gctgaggtga tttccaggt aactacaggg gtgaaggcta actcaacaca agccaagaaaa	240
493	tacagaatct agatataacct ggtcttacct agatgggaga ccagcaccgt ccaatagcag	300
495	ggcagccagc cgccccagatc ttataggc taggaacact ggatgacacgc tggtaacat	360
497	gggctggagt gactgtgacc cttcaaggg aaaggctcag ctcttttac ctgttaagga	420
499	atgatggaga tgcaagacagt aggagatgg tggatggagaa atccaaatgt gcaatttccc	480
501	aaacactttt taaaataaaat ttgtgttagg atgacatagg gctttgattt tggctcaatg	540
503	gtaccatgtct tgcttggac acttaatgt gacaagtctg aggtccggc ctatcaatgg	600
505	aactgcaaaa accaagaaac aactgaaatg ataaagcagt tcagagctgg gaagttata	660
507	atttcttct tcttataacct ttcccccaat gtggaaaatg cttaaattgt tgaaggcccc	720

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/564,077

DATE: 01/25/2006  
TIME: 11:02:36

Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\01252006\J564077.raw

Base Note:

z of n and/or Xaa have been detected in the Sequence Listing. Please review the  
quence Listing to ensure that a corresponding explanation is presented in the <220>  
<223> fields of each sequence which presents at least one n or Xaa.

z#:1; N Pos. 339,409,425  
z#:2; N Pos. 744,747,753,792,1206,1437,1440,1459,1518  
z#:3; N Pos. 242  
z#:4; N Pos. 28,92,118,158  
z#:12; N Pos. 959

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/564,077

DATE: 01/25/2006  
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Input Set : A:\PTO.AMC.txt  
Output Set: N:\CRF4\01252006\J564077.raw

l1 M:270 C: Current Application Number differs, Replaced Current Application No  
l1 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300  
57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:360  
59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:420  
107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:720  
109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:780  
123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1200  
129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1380  
131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1440  
133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1500  
171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:240  
201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:60  
205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:120  
515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:900

**Raw Sequence Listing before editing,  
for reference only**



IFWP

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/564,077

DATE: 01/23/2006  
TIME: 09:54:27

Input Set : A:\300188\_1.TXT  
Output Set: N:\CRF4\01232006\J564077.raw

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3 <110> APPLICANT: Collier, Greg R
4      Walder, Ken R
5      Segal, D. H
7 <120> TITLE OF INVENTION: DIFFERENTIAL EXPRESSION OF NUCLEIC ACID MOLECULES
9 <130> FILE REFERENCE: E1679-00014
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/564,077
C--> 11 <141> CURRENT FILING DATE: 2006-01-09
    11 <150> PRIOR APPLICATION NUMBER: PCT/US2004/000919
    12 <151> PRIOR FILING DATE: 2004-07-08
    14 <150> PRIOR APPLICATION NUMBER: US 60/485,790
    15 <151> PRIOR FILING DATE: 2003-07-08
    18 <160> NUMBER OF SEQ ID NOS: 51
    21 <170> SOFTWARE: PatentIn version 3.1 and MS Word

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## ERRORED SEQUENCES

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1114 <210> SEQ ID NO: 51
1116 <211> LENGTH: 21
1118 <212> TYPE: DNA
1120 <213> ORGANISM: Psammomys Obesus
1124 <400> SEQUENCE: 51
1125 gccccacagt ttcacatgg t
E--> 1129 - 1 -

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21

*Does Not Comply  
Corrected Diskette Needed*

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/564,077

DATE: 01/23/2006  
TIME: 09:54:28

Input Set : A:\300188\_1.TXT  
Output Set: N:\CRF4\01232006\J564077.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No  
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:300  
L:57 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:360  
L:59 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:420  
L:107 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:720  
L:109 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:780  
L:123 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1200  
L:129 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1380  
L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1440  
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:1500  
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:240  
L:201 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:60  
L:205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:120  
L:515 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:900  
L:1129 M:254 E: No. of Bases conflict, this line has no nucleotides.